

# Water Quality Characteristics by Water Quality Zone

## September 2001

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<b>Hardness ppm</b>	1	129	129	91.2	64	193	2	71%
	2	107	106	3.6	101	114	9	3%
	3	137	112	45.2	92	220	11	33%
	4	102	97	15.2	87	133	8	15%
	5	106	104	8.9	96	125	16	8%
	6	101	101	13.2	79	128	10	13%
	7	108	109	6.8	95	120	11	6%
	8	167	173	77.9	75	248	4	47%
	9	104	82	37.3	76	197	12	36%
	10	120	78	85.5	76	248	4	71%
	System Wide	113	106	36.2	64	248	87	32%
<b>TDS ppm</b>	1	365	383	99.4	186	529	10	27%
	2	268	268	9.3	252	285	27	3%
	3	323	296	96.6	191	509	34	30%
	4	240	241	41.3	180	332	25	17%
	5	244	244	24.9	163	282	36	10%
	6	232	234	20.3	179	264	28	9%
	7	219	215	26.7	168	301	29	12%
	8	320	303	58.7	251	444	21	18%
	9	266	248	49.2	215	381	23	18%
	10	220	218	4.6	216	234	13	2%
	System Wide	265	251	65.3	163	529	246	25%
<b>Sodium ppm</b>	1	44	44	12.7	35	53	2	29%
	2	45	45	0.9	44	46	9	2%
	3	55	49	20.6	34	91	11	37%
	4	41	45	11.2	26	54	8	27%
	5	41	43	4.3	32	44	16	11%
	6	36	36	6.5	26	44	10	18%
	7	29	27	3.5	25	35	11	12%
	8	41	41	2.4	38	44	4	6%
	9	45	44	5.0	39	56	12	11%
	10	42	42	0.6	41	42	4	1%
	System Wide	42	42	11.2	25	91	87	27%

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<i>pH units</i>	1	7.5	7.4	0.22	7.4	8.0	10	3%
	2	7.9	7.9	0.10	7.6	8.1	27	1%
	3	7.7	7.8	0.16	7.4	8.1	34	2%
	4	7.9	7.8	0.16	7.6	8.2	25	2%
	5	7.6	7.7	0.32	7.0	8.0	36	4%
	6	7.6	7.7	0.29	6.9	8.1	28	4%
	7	7.7	7.7	0.17	7.3	8.1	29	2%
	8	7.7	7.8	0.16	7.3	7.9	21	2%
	9	8.0	8.0	0.16	7.7	8.4	23	2%
	10	7.9	7.9	0.07	7.8	8.0	13	1%
	System Wide	7.8	7.8	0.24	6.9	8.4	246	3%
<i>Chlorine ppm</i>	1	0.7	0.7	0.15	0.6	1.1	10	21%
	2	0.9	0.9	0.13	0.5	1.1	27	14%
	3	0.8	0.8	0.21	0.3	1.4	34	26%
	4	0.9	0.9	0.13	0.6	1.1	28	15%
	5	0.8	0.8	0.15	0.5	1.0	36	19%
	6	0.8	0.8	0.17	0.3	1.1	28	22%
	7	0.8	0.8	0.13	0.6	1.1	29	16%
	8	0.8	0.8	0.08	0.6	1.0	21	10%
	9	0.8	0.8	0.21	0.4	1.1	23	25%
	10	0.9	0.9	0.10	0.7	1.0	13	12%
	System Wide	0.8	0.8	0.16	0.3	1.4	249	20%
<i>Temperature deg C</i>	1	29.2	28.6	1.87	26.5	32.0	10	6%
	2	31.3	31.3	0.80	29.8	32.5	27	3%
	3	30.8	30.9	1.83	25.8	34.4	34	6%
	4	31.2	31.9	1.86	27.2	33.8	25	6%
	5	30.2	30.8	2.66	23.9	36.2	36	9%
	6	29.8	30.4	1.98	23.6	33.9	28	7%
	7	30.2	29.9	1.29	28.2	33.2	29	4%
	8	31.5	31.6	1.81	27.0	35.8	21	6%
	9	32.4	32.4	1.80	28.8	36.2	23	6%
	10	32.5	32.4	1.59	29.1	35.2	13	5%
	System Wide	30.9	31.1	2.02	23.6	36.2	246	7%